

PROGRAMMING cont.

This security number can be selected by you and is used to arm and disarm the unit. Enter your security code as follows.

Enter the factory preset security code '11' then press '*'. (A single beep will be heard and the green LED will flash).

While the LED is flashing enter your own security code (up to four digits) then press '* *' again. (A musical tune will be heard).

To change your security code, repeat the above instructions but use your old security code instead of the factory preset number.

Arm & Disarm

Arm the unit by simply entering your security code then press the '# ' button and a single long beep will be heard. The green LED will light for approximately 30 seconds (exit delay) to indicate the unit is armed. While there is movement in front of the Movement Activated Sensors during this time, the green LED's on the sensors and red LED on the Control Panel will light, indicating the sensors are detecting movement or the door is opening. Thirty seconds after you arm the system, the green LED will extinguish and the system will become fully armed.

As the secured area is entered, the LED's on the sensors will flash and the Control Panel will beep once to indicate that you have 8 seconds in which to disarm the unit. To disarm, simply re-enter your security code and press the '# ' button. The unit will emit a double beep to indicate that it is now disarmed.

If the unit is not disarmed within the 8 seconds, the piezo siren will emit a loud sound and the strobe light will flash to alert the occupants of the house to an intruder. To disarm the unit under these circumstances, simply re-enter your security code and then press the '# ' button.

Panic Button

The panic button can be pressed at anytime. This will cause the unit to emit a siren sound and activate the strobe light and the green LED as if it has detected an intruder.

WARNING - once pressed, the alarm will

PROGRAMMING cont.

sound for 1 minute and shut off automatically unless turned off by entering the security code followed by the '# ' key.

TROUBLESHOOTING

Any problems after installation can be solved by reading the following checklist.

- Check that all house code switches in the Sensors and Control Panel are set the same (slide and piano style switches).
- Doors and walls may reduce the wireless range to less than 20 metres. Re-install the Control Panel in a more central position to the Sensors. Metal structures will reduce wireless range.
- **Control Panel**
Check batteries are new, good quality alkaline type and installed with the correct polarity (2 x AA). Check that the AC adaptor is correctly fitted and switched on. Check that the personal security code has been correctly programmed in. Four short beeps indicates that the code is set incorrectly or has reverted to the factory default of '11'. Check the Control Panel for flat batteries.
- **Movement Activated Sensor**
Check that the 9V alkaline (good quality) battery has been installed correctly. Check that the Movement Activated Sensor is not more than 20 metres from the Control Panel. If the Movement Activated Sensor is mounted near metal objects, it may have to be relocated. Arm the Control Panel and walk in front of the Movement Activated Sensor. The green LED on the Movement Activated Sensor and the Control Panel should light momentarily. After two minutes the unit will again be ready to sense, reset alarm and test again. Metal structures will reduce wireless range.
- **Window/Door Sensor**
Check that the 12V (A23) battery has been installed correctly. Check that the gap between parts is not more than 10mm. Check that the Window/Door Sensor is not more than 20 metres from the Control Panel. If the Window/Door Sensor is

TROUBLESHOOTING cont.

mounted near metal objects, it may have to be relocated. Arm the Control Panel and open the secured door. The red LED on the Door sensor & Control Panel should light momentarily. In case of non-operation, first replace all batteries.

External Siren

Check that each of the 4xAA batteries have been installed correctly. Check the connector is inserted fully into the Control Panel marked "EXT. SIREN". Check cable for wear or breakage.

IMPORTANT

- DO NOT drop any alarm components.
- DO NOT install the Movement Activated Sensors close to an internal heating or cooling source.
- DO NOT install the alarm in a position where direct sunlight may occur.
- DO NOT use rechargeable batteries in any alarm components.
- Use Alkaline type batteries only.
- DO NOT mix different types of batteries in the Control Panel.
- The alarm components must be kept indoors.
- We recommend alkaline batteries for best performance and value for money.
- The Movement Activated Sensors will detect small pets such as dogs or cats, it is therefore essential that your pets are kept out of the detection area when the alarm is activated.
- This alarm system is designed to be a deterrent, it does not in any way guarantee protection. It is simply an alarm signal.
- Guarantee excludes any batteries supplied with the unit.
- Keep these instructions in a secure place in case further reference to them is required.

SPECIFICATIONS

Entrance delay time	8 seconds
Exit delay time	30 seconds after no movement at Sensors.
Low battery indicator	Red LED flashes approx. once per second and single beep every 20 seconds.
Alarm sound reset time	1 minute
Intruder indication	Green LED will light after resetting of alarm to indicate a burglar was detected.
Alarm output	approx. 110dB at 1 metre.
Wireless range of transmitters	20 metres approx..
Movement Activated Sensor range	7 metres approx. and 90° scan angle.

The operating frequency of this unit falls within the permissible frequency range as prescribed by the relevant government authority.

GUARANTEE*

Arlec guarantees this product against defects of materials and workmanship for a period of 12 months from the date of purchase provided that the product is used in accordance with Arlec's recommendations and within such voltage and current limits as are specified by Arlec in relation to the product. Arlec will at its own option make good, replace with the same or similar product, or provide credit for any product manufactured or supplied by it, which proves to be defective within the limits set out above provided that no repairs, alterations or modifications to the product have been undertaken or attempted, other than by the company or its authorised agents. Should the purchaser wish to make a claim under the guarantee, the product should be returned pre-paid to the place of purchase. This guarantee is in addition to and does not take away from any rights available to the consumer under the Trade Practices Act and the State consumer protection legislation.

Proof of Purchase

- Please retain your purchase receipt for all warranty claims.

For all Sales enquiries

Phone (03) 9727 8860 Fax 1300 360 650

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* Guarantee excludes batteries.

CPIN002023

ARLEC

Wireless Alarm System

AM720

INSTALLATION & OPERATING INSTRUCTIONS



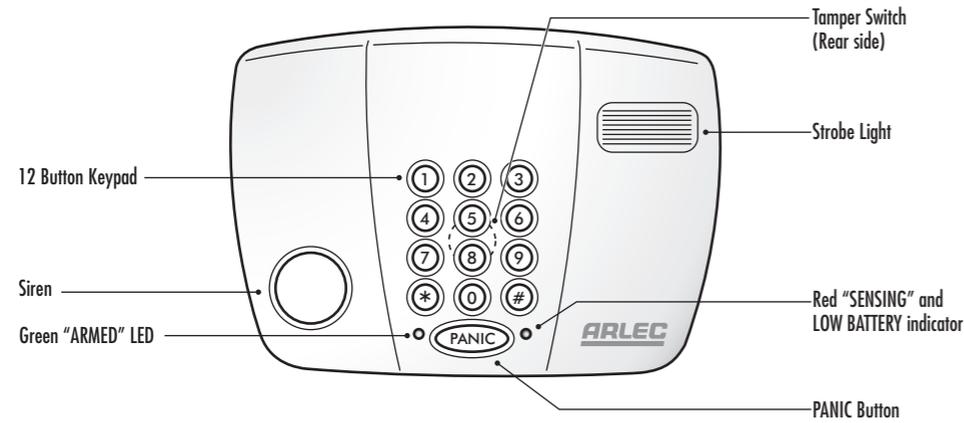
Secure-it Max



INTRODUCTION

The AM720 is a simple self-contained alarm designed to give additional security to your home. The AM720 protects the home by sounding a siren if its Window/Door Sensor or Movement Activated Sensors are activated.

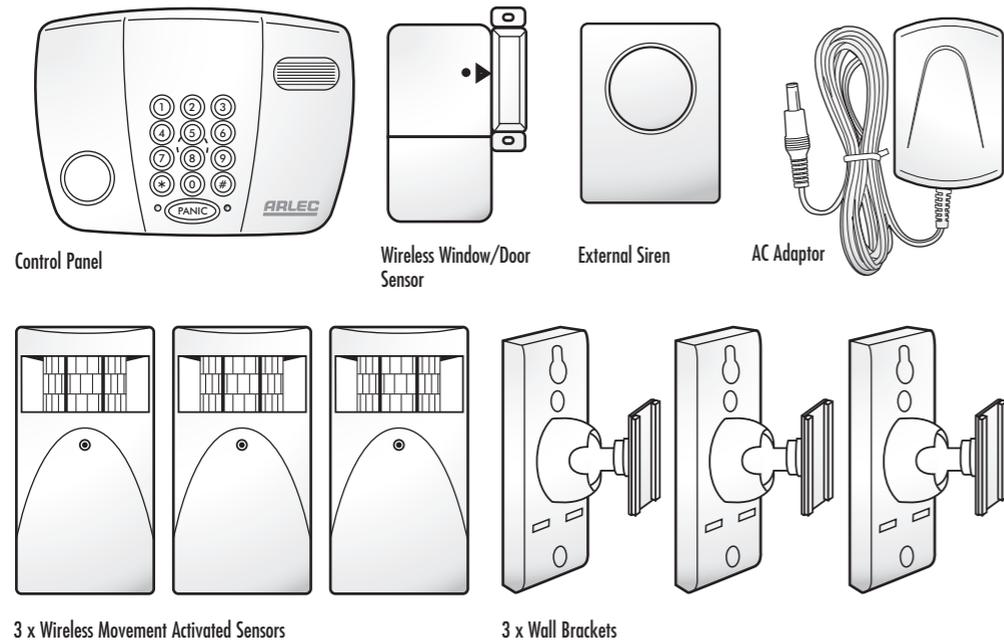
It can be armed/disarmed with your own selected security code. All Sensors are wireless transmitters so there is no messy cabling.



CONTENTS

The AM720 consists of 1 x Control Panel, 3 x Wireless Movement Activated Sensors,

3 x Wall Brackets, 1 x Wireless Window/Door Sensor, 1 x External Siren, AC Adaptor and a fastener pack.



INSTALLATION

Open the AM720 Alarm kit and determine where each piece is to be located. The Window/Door Sensor is usually placed on front or rear doors but can also be used to secure windows. The Movement Activated Sensors are usually mounted high on a wall and directed into the room requiring protection such as a lounge room or hallway. The Control Panel is usually located somewhere near the main entrance door and within 1 metre of a power point.

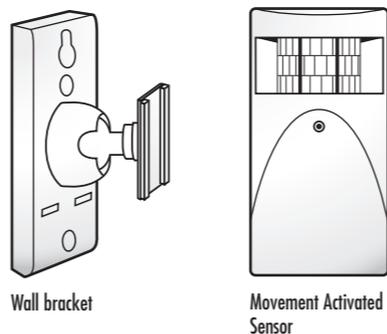
The external siren is to be placed in a sheltered location outside, under the eave, facing the street and within range of the cord to the control panel

The Sensors must not be located more than 20 metres from the Control Panel. The distance may be reduced by the number of doors and walls through which the Sensors transmit.

All transmitters and the Control Panel are factory set to transmit on one of 16 House Codes. During installation, ensure all Sensors and the Control Panel have their House Code switches set to the same code. See House Code Selection.

Wireless Movement Activated Sensors

The AM720 uses a wireless passive infra-red detector (PIR).



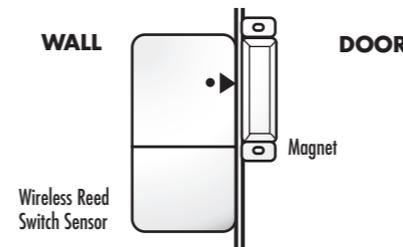
1. Screw the bracket to the wall.
2. Open the rear of the Movement Activated Sensor and insert 1 x 9 volt alkaline battery (not supplied). Replace the battery compartment lid and screw then slide the Sensor onto the bracket plate.

3. Adjust the Movement Activated Sensor so that it is directed toward the centre of the room. Do not aim towards windows.

Once movement has activated the sensor, the green LED will flash momentarily and then extinguish for approximately two minutes. After this time, the unit will again be ready to sense. The LED will flash red when battery requires replacement.

Wireless Window/Door Sensor

Open the rear of the Wireless Window/Door Sensor and insert 1 x 12 volt battery (A23) supplied, screw the reed switch to the wall using the screws provided and then replace battery compartment lid.

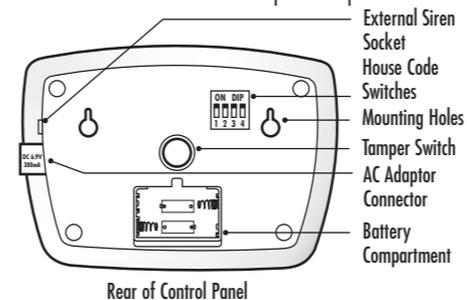


Proper positioning of the Window/Door Sensor is important. Ensure that the wireless reed switch sensor and magnet are parallel and the arrows are pointing directly at one another. Separation between the pieces must not exceed 10mm.

When the door or window is opened, the red LED will flash momentarily.

Control Panel

Prepare the installation of the Control Panel by putting two screws (screw heads less than 7mm dia.) in the wall 90mm horizontally apart, at a convenient height above the floor and within 1 metre of a power point.



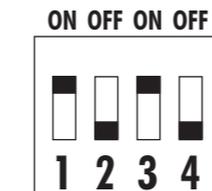
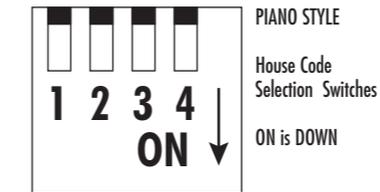
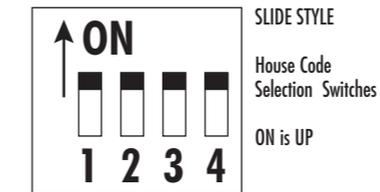
INSTALLATION cont.

Tamper Switch

If any attempt is made to remove the control unit (to disable it), the tamper switch activates the alarm. Therefore, when installing the control unit, ensure it is held firmly against the wall to avoid any false alarms due to vibration or expansion/contraction. The alarm is only activated in this manner if it is armed.

House Code Selection

There are two types of switches found in the rear or battery compartment of the devices, *slide style* - used in the control panel & the window/door sensor and *piano style* - used in the movement activated sensor. Selecting the 'OFF' or 'ON' for these switches works differently in each case. See the following figure.



SLIDE STYLE - Code 10 shown



PIANO STYLE - Code 10 shown

By selecting each House Code switch 'OFF' or 'ON', up to 16 different Codes can be selected. Each Sensor has a similar set of switches in the battery compartment of the device. Ensure all units have their House Code set to the same House Code.

Insert the barrel plug from the AC Adaptor into the socket on the right hand side of the control panel.

Open the Control Panel battery compartment by removing the screw. Insert 2 x new 'AA' size alkaline batteries (not supplied). (The piezo siren will emit a double beep). Replace the battery cover and screw.

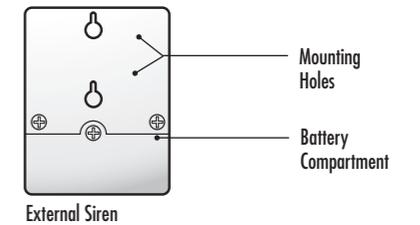
Mount the Control Panel on the mounting screws prepared earlier.

Switch the AC adaptor on.

Your Alarm System is now ready to be programmed.

External Siren

The external siren can be mounted vertically or horizontally in a sheltered location. Prepare the installation of the external siren by putting two screws (screw heads less than 6mm dia.) high in the wall or ceiling 34mm apart. You may be required to drill subsequent holes greater than 9mm dia. to route the cable to the control unit.



Open battery compartment and remove battery pack. Insert 4 x AA Alkaline batteries in the orientation indicated. Reinsert battery pack, and close the compartment. Insert the connector into the control panel port labelled "EXT. SIREN".

IMPORTANT NOTE

The external alarm will sound with the control panel alarm, but will also sound if unplugged from control panel. In the instance this occurs by accident, plug the connector back into the control panel or enter the disarm code.

PROGRAMMING

A security code should first be entered using the Control Panel keypad.